

## Westford Recycling Commission



### Trends in Westford Recycling Efforts (FY2012)

#### Recycling

Westford had an **increase** of **110.27** tons of recycling in FY2012 compared to the previous year. This is an 4.1 % increase during this period.  
In the first half of FY2012, recycling increased more than in the second half of FY2012.

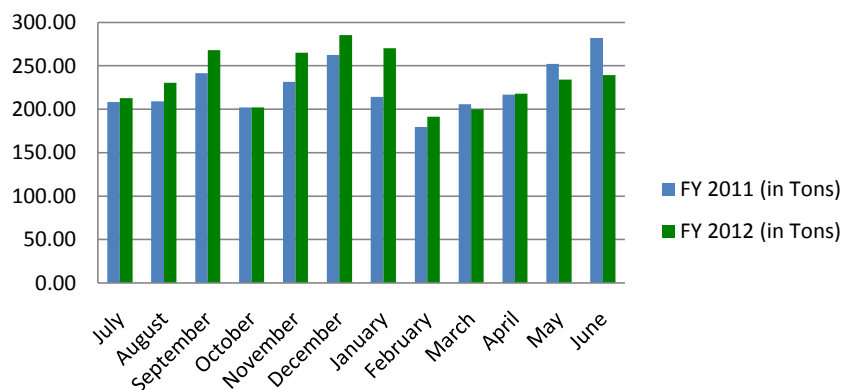
#### Trash

Westford had an **increase** in **127.7** tons of trash in FY2012 compared to the previous year. This is a 1.49% increase during that period and equates to an increase in tipping fees of \$8,048.71.  
The WRC is exploring the increase and confirming the data; currently the Commission does not have information as to why the town trash tonnage has increased. The WRC notes that during the second half of FY2012, there was a decrease in recycling.

#### Savings

Westford had a tipping fee **increase** of **\$8,048.71** during the FY12 period compared to FY11.

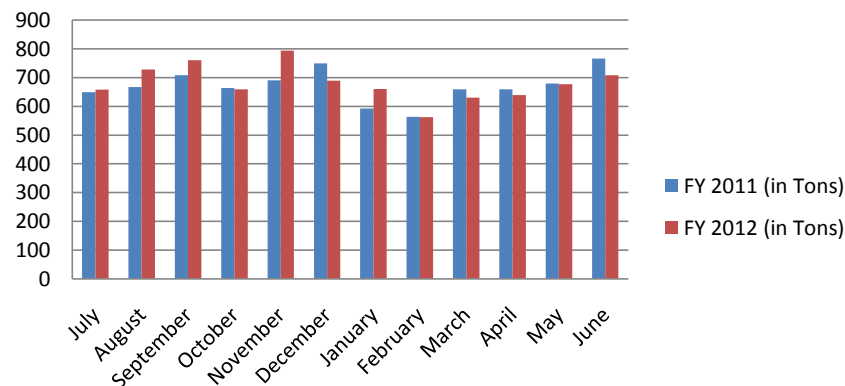
### Westford Recycling Trends FY2012 vs FY2011



#### Westford Recycling Statistics FY2012 vs FY2011

Tonnage FY2011	2706.35
Tonnage FY2012	2816.62
Percent Change	4.07%
Tonnage Change	110.27

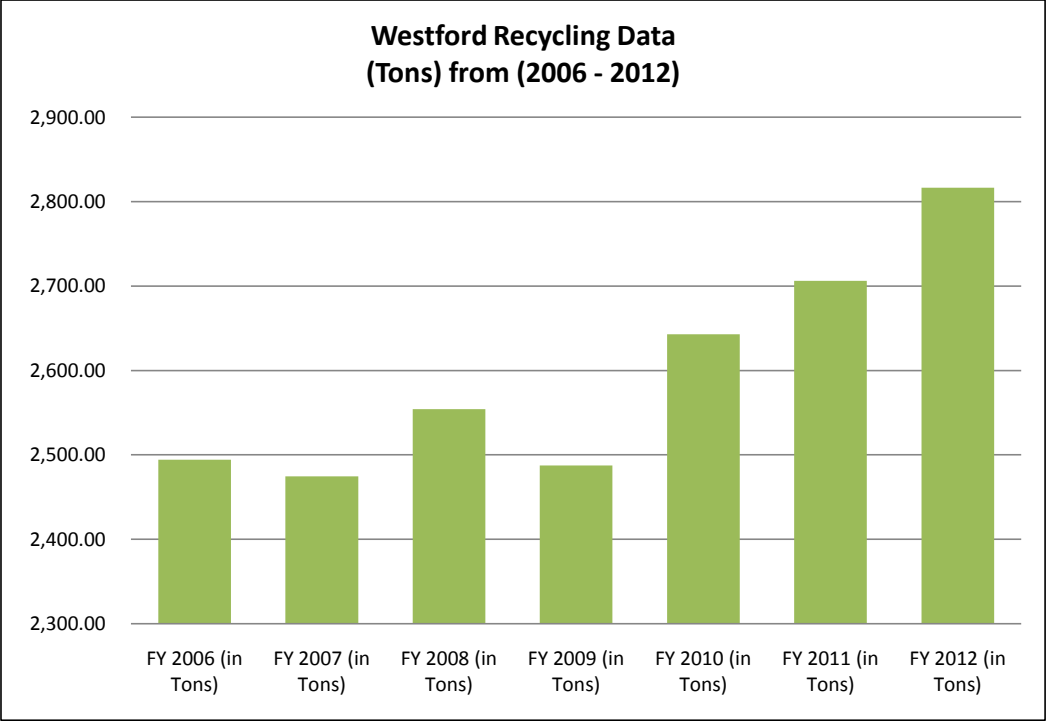
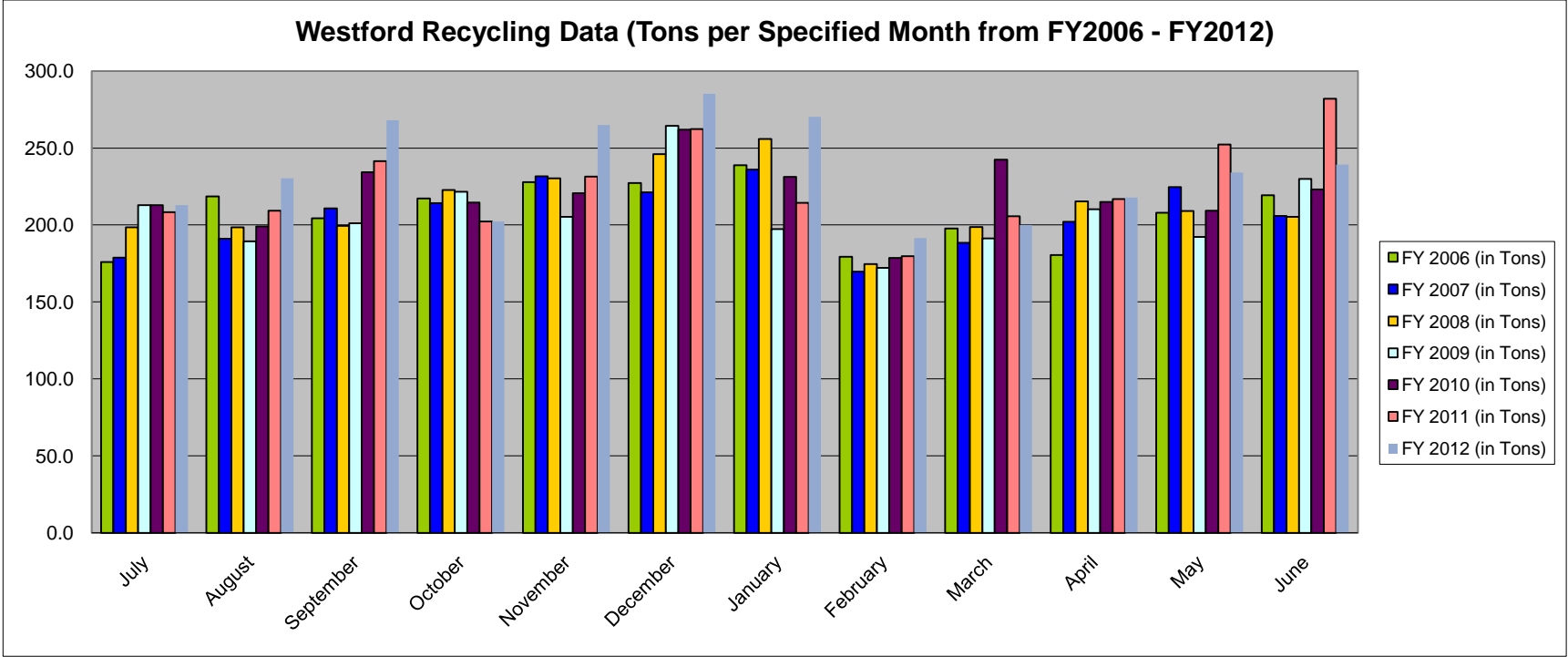
### Westford Trash Trends FY2012 vs FY2011



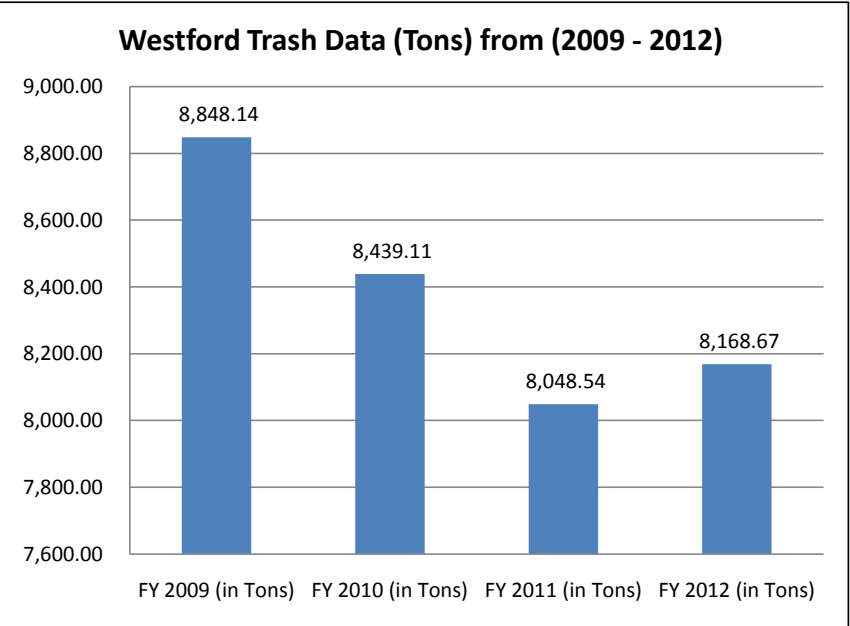
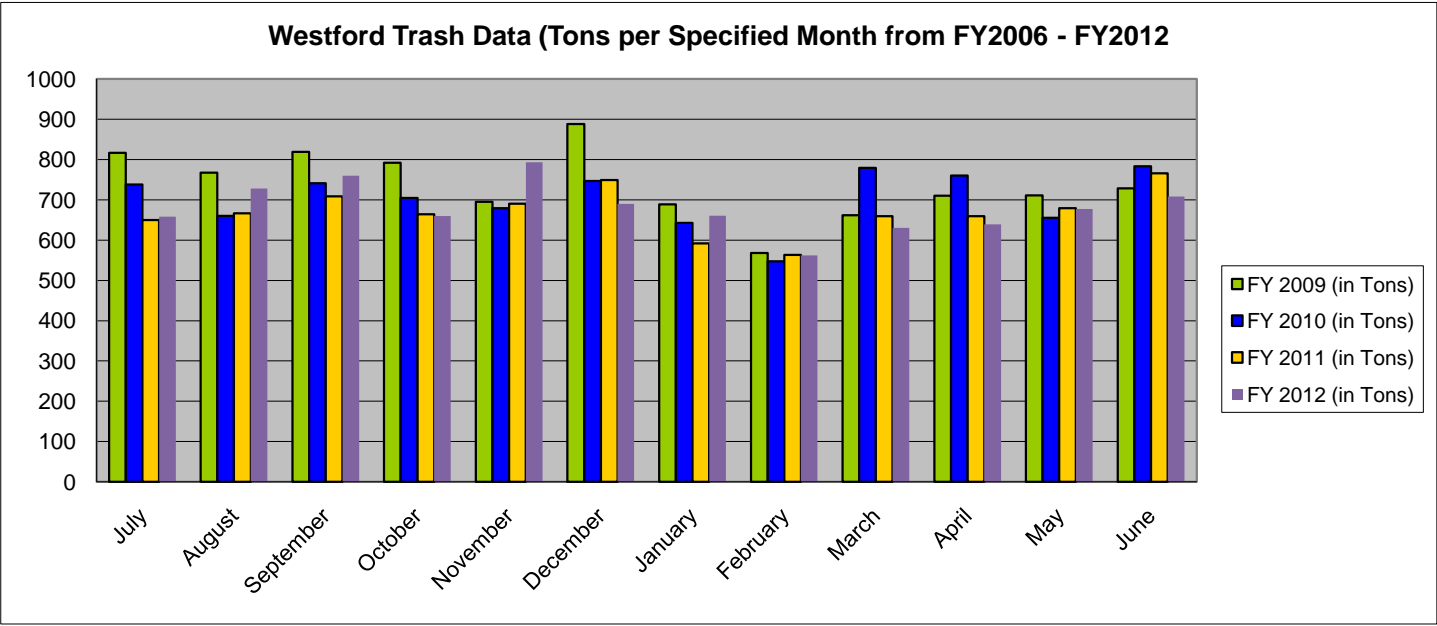
#### Westford Trash Statistics FY2012 vs FY2011

Tonnage FY2011	8048.54
Tonnage FY2012	8168.67
Percent Change	1.49%
Tonnage Change	120.13
Tipping fee (increase)	\$ 8,048.71

Westford Recycling Data and Statistics													
Monthly Recycling Data (per Westford Fiscal Year)								Recycling (Tonnage Change) per Fiscal Year			Recycling (% Change) per Fiscal Year		
Month	FY 2006 (in Tons)	FY 2007 (in Tons)	FY 2008 (in Tons)	FY 2009 (in Tons)	FY 2010 (in Tons)	FY 2011 (in Tons)	FY 2012 (in Tons)	Monthly FY2009 - FY2010 Change (in Tons)	Monthly FY2010 - FY2011 Change (in Tons)	Monthly FY2011 - FY2012 Change (in Tons)	Monthly FY2009 - FY2010 % Change	Monthly FY2010 - FY2011 % Change	Monthly FY2011 - FY2012 % Change
July	175.9	178.75	198.53	212.84	212.88	208.41	212.83	0.04	-4.47	4.42	0.02%	-2.10%	2.12%
August	218.6	191.16	198.43	189.35	198.96	209.26	230.38	9.61	10.3	21.12	5.08%	5.18%	10.09%
September	204.3	210.77	199.48	201.06	234.36	241.42	267.97	33.3	7.06	26.55	16.56%	3.01%	11.00%
October	217.3	214.26	222.75	221.50	214.54	202.24	202.26	-6.96	-12.3	0.02	-3.14%	-5.73%	0.01%
November	227.83	231.61	230.31	205.22	220.58	231.53	265.05	15.36	10.95	33.52	7.48%	4.96%	14.48%
December	227.23	221.22	245.96	264.47	262.03	262.33	285.33	-2.44	0.3	23	-0.92%	0.11%	8.77%
January	238.8	235.94	255.82	197.43	231.18	214.42	270.30	33.75	-16.76	55.88	17.09%	-7.25%	26.06%
February	179.26	169.75	174.52	172.07	178.58	179.66	191.40	6.51	1.08	11.74	3.78%	0.60%	6.53%
March	197.72	188.41	198.68	191.26	242.34	205.73	199.98	51.08	-36.61	-5.75	26.71%	-15.11%	-2.79%
April	180.44	202.13	215.42	210.17	214.98	216.94	217.75	4.81	1.96	0.81	2.29%	0.91%	0.37%
May	207.87	224.54	209.11	192.25	209.31	252.31	234.12	17.06	43	-18.19	8.87%	20.54%	-7.21%
June	219.27	205.87	205.27	229.92	223.09	282.10	239.25	-6.83	59.01	-42.85	-2.97%	26.45%	-15.19%
Recycling Total Tonnage per Fiscal Year	2,494.44	2,474.41	2,554.28	2,487.54	2,642.83	2,706.35	2,816.62	155.29	63.52	110.27	6.24%	2.40%	4.07%
Notes	Values and figures in <b>GREEN</b> reflect a positive change in recycling (increase). Values and figures in <b>RED</b> reflect a negative change in the recycling (decrease).												



Westford Trash Data and Statistics										
Monthly Trash Data (per Westford Fiscal Year)					Trash (Tonnage Change) per Fiscal Year			Trash (% Change) per Fiscal Year		
Month	FY 2009 (in Tons)	FY 2010 (in Tons)	FY 2011 (in Tons)	FY 2012 (in Tons)	Monthly FY2009 - FY2010 Change (in Tons)	Monthly FY2010 - FY2011 Change (in Tons)	Monthly FY2011 - FY2012 Change (in Tons)	Monthly FY2009 - FY2010 % Change	Monthly FY2010 - FY2011 % Change	Monthly FY2011 - FY2012 % Change
July	817.18	737.78	649.63	658.5	-79.4	-88.15	8.87	-9.72%	-11.95%	1.37%
August	767.58	660.24	666.6	728.21	-107.34	6.36	61.61	-13.98%	0.96%	9.24%
September	819.08	741.61	708.71	760.25	-77.47	-32.9	51.54	-9.46%	-4.44%	7.27%
October	792.34	704.82	664	659.78	-87.52	-40.82	-4.22	-11.05%	-5.79%	-0.64%
November	695.33	679.16	690.39	793.36	-16.17	11.23	102.97	-2.33%	1.65%	14.91%
December	888.46	746.85	749.18	689.84	-141.61	2.33	-59.34	-15.94%	0.31%	-7.92%
January	689.13	643.02	592.16	660.69	-46.11	-50.86	68.53	-6.69%	-7.91%	11.57%
February	568.16	547.13	563.37	562.09	-21.03	16.24	-1.28	-3.70%	2.97%	-0.23%
March	661.64	779.8	659.33	630.74	118.16	-120.47	-28.59	17.86%	-15.45%	-4.34%
April	710.12	760.2	659.79	639.53	50.08	-100.41	-20.26	7.05%	-13.21%	-3.07%
May	710.78	655.4	679.56	677.58	-55.38	24.16	-1.98	-7.79%	3.69%	-0.29%
June	728.34	783.1	765.82	708.1	54.76	-17.28	-57.72	7.52%	-2.21%	-7.54%
Trash Total Tonnage per Fiscal Year	8,848.14	8,439.11	8,048.54	8,168.67	-409.03	-390.57	120.13	-4.62%	-4.63%	1.49%
Notes	Values and figures in <b>GREEN</b> reflect a positive change in the trash reduction. Values and figures in <b>RED</b> reflect a negative change in the trash increases.									



## Westford Population and Housing Data

### Population Data

Total Westford Population: 22,624 (Urban: 22,043, Rural: 581 (all nonfarm) Source: City-Data)

Total Westford Population: 20,868 persons (Source: from Westford 2009 Census Returns)

[Read more: http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1Mnjilklg](http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1Mnjilklg)

### Housing Data

Total Westford Houses: 6,941 (6,808 occupied: 6,258 owner occupied, 550 renter occupied) Source: City-Data)

Total Westford Housing: 7,396 (Single 6,276, Condo 992, 2 Family 92, Multi-family 36) Source: Westford Assessors Office)

[Read more: http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1MnjoU01E](http://www.city-data.com/housing/houses-Westford-Massachusetts.html#ixzz1MnjoU01E)

Housing density: 227 houses/condos per square mile

Note: The WRC is currently updating these statistics....

The Mission of the Westford Recycling Commission is to:

- 1. Increase awareness of recycling benefits to the Town of Westford.
- 2. Educate Westford residents on recycling options.
- 3. Provide opportunities for non-curbside recycling.
- 4. Implement programs that encourage diverting recyclables from the trash.



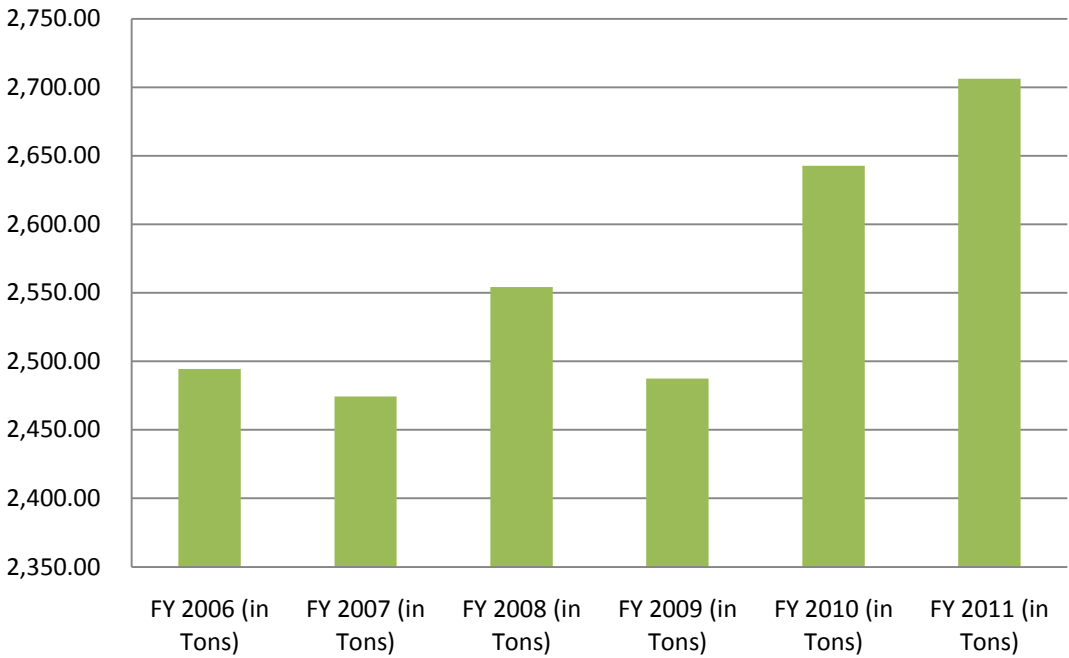
Westford Trash - Recycling Data and Statistics

The data shows recent trends in both recycling and trash tonnage  
Values and figures in **GREEN** reflect a positive change in the trash reduction or recycling increases per the data  
Values and figures in **RED** reflect a negative change in the trash increases or recycling decrease per the data

Assumptions and Trends

Residents are recycling less newspaper over the past few years.  
The number of households in Westford has increased over the last few years (Currently 22,624 residents).  
The number of persons in Westford has increased over the last few years (Currently 7396 homes).  
**Definition:** The **trash tipping fee** is the cost per ton of trash removed which includes incinerator and transport costs.  
Trash tipping fee savings (or increases) are calculated on the difference in trash tonnage (month over month or year over year)  
The trash tipping fees were reduced from \$73 per ton (in 2009) to \$67 per ton (in 2010). The current trash tipping fee per ton is **\$67.00**.  
The cost to the Town of Westford for trash removal is based on a per ton fee, whereas recycling is a flat fee (weight independent).  
Source of trash comes from residence (homes), schools, town/municipal buildings, not commercial buildings or businesses.  
Source of recyclables comes from residence (homes), schools, town/municipal buildings, not commercial buildings or businesses.

Westford Recycling Data (Tons) from (2006 - 2011)



Summary of Westford Recycling Efforts (FY2010 and FY2011)

**Recycling** - Westford had an **increase** in **155.29** tons of recycling at end FY2010. This is a 6.25% increase during that year.  
**Recycling** - Westford had an **increase** in **63.56** tons of recycling at end FY2011. This is a 2.4% increase during that year.

**Trash** - Westford had a **decrease** in **409.03** tons of trash at end FY2010. This is a 4.62% decrease during that year.  
**Trash** - Westford had a **decrease** in **309.57** tons of trash at end FY2011. This is a 4.63% decrease during that year.

**Savings** - Westford had a tipping fee **savings** of **\$29,859.20** at end FY2010.  
**Savings** - Westford had a tipping fee **savings** of **\$20,741.19** at end FY2011.

Savings are calculated on overall increase or decrease in tonnage multiplied by tipping fees.

**Per Capita (Trash)** - Westford residents produce 0.36 tons (711 lbs) of trash per person and 1.1 Tons (2,161 lbs) of trash per home per year in FY2011.

**Per Capita (Recycling)** - Westford residents recycle 0.12 tons (233 lbs.) per person and 0.36 Tons (727 lbs.) per home per year in FY2011.

Westford Trash Data (Tons) from (2009 - 2011)

